

**Occupational Employment Projections, Year 2002 Projected to Year 2012  
Twin Districts Workforce Investment Area**

Standard Occupational Classification (SOC)		2002 Employment	2012 Projected Employment	Projected Employment Growth 2002 to 2012		Total Projected Avg. Annual Job Openings
Code	Occupation			Number	Percent	
<b>51-0000</b>	<b>Production Occupations</b>	<b>42,330</b>	<b>48,260</b>	<b>5,930</b>	<b>14.0%</b>	<b>1,620</b>
<b>51-1000</b>	<b>Supervisors, Production Workers</b>	<b>2,660</b>	<b>3,110</b>	<b>450</b>	<b>16.9%</b>	<b>100</b>
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	2,660	3,110	450	16.9%	100
<b>51-2000</b>	<b>Assemblers and Fabricators</b>	<b>6,810</b>	<b>7,190</b>	<b>380</b>	<b>5.6%</b>	<b>215</b>
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	110	110	0	0.0%	5
51-2021	Coil Winders, Tapers, and Finishers	310	310	0	0.0%	5
51-2022	Electrical and Electronic Equipment Assemblers	970	930	-40	-4.1%	25
51-2023	Electromechanical Equipment Assemblers	90	90	0	0.0%	0
51-2031	Engine and Other Machine Assemblers	50	60	10	20.0%	0
51-2041	Structural Metal Fabricators and Fitters	780	860	80	10.3%	25
51-2091	Fiberglass Laminators and Fabricators	350	410	60	17.1%	15
51-2092	Team Assemblers	3,150	3,250	100	3.2%	90
51-2099	Misc. Assemblers and Fabricators	1,010	1,160	150	14.9%	40
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>9,100</b>	<b>11,330</b>	<b>2,230</b>	<b>24.5%</b>	<b>425</b>
51-3011	Bakers	390	470	80	20.5%	15
51-3021	Butchers and Meat Cutters	520	550	30	5.8%	15
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	6,910	8,710	1,800	26.0%	330
51-3023	Slaughterers and Meat Packers	940	1,190	250	26.6%	45
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	30	40	10	33.3%	0
51-3092	Food Batchmakers	70	80	10	14.3%	5
51-3093	Food Cooking Machine Operators and Tenders	130	150	20	15.4%	5
51-3099	Misc. Food Processing Workers	100	130	30	30.0%	5
<b>51-4000</b>	<b>Metal Workers and Plastic Workers</b>	<b>7,790</b>	<b>9,350</b>	<b>1,560</b>	<b>20.0%</b>	<b>355</b>
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	160	200	40	25.0%	5
51-4012	Numerical Tool and Process Control Programmers	40	50	10	25.0%	0

**Occupational Employment Projections, Year 2002 Projected to Year 2012  
Twin Districts Workforce Investment Area**

Standard Occupational Classification (SOC)		2002 Employment	2012 Projected Employment	Projected Employment Growth 2002 to 2012		Total Projected Avg. Annual Job Openings
Code	Occupation			Number	Percent	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	220	230	10	4.5%	10
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	30	30	0	0.0%	0
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0.0%	0
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	550	600	50	9.1%	15
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	30	40	10	33.3%	0
51-4033	Grinding, Lapping, Polishing, Buffing Mach. Tool Setters/Operators/Tenders, Metal and Plastic	210	230	20	9.5%	5
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	130	10	8.3%	5
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	40	40	0	0.0%	0
51-4041	Machinists	760	880	120	15.8%	30
51-4051	Metal-Refining Furnace Operators and Tenders	20	20	0	0.0%	0
51-4052	Pourers and Casters, Metal	20	20	0	0.0%	0
51-4062	Patternmakers, Metal and Plastic	10	20	10	100.0%	0
51-4071	Foundry Mold and Coremakers	50	60	10	20.0%	0
51-4072	Molding, Coremaking, Casting Machine Setters/Operators/Tenders, Metal and Plastic	810	1,000	190	23.5%	40
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	300	360	60	20.0%	15
51-4111	Tool and Die Makers	150	170	20	13.3%	5
51-4121	Welders, Cutters, Solderers, and Brazers	2,630	3,500	870	33.1%	160
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	120	140	20	16.7%	5
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	30	30	0	0.0%	0
51-4192	Lay-Out Workers, Metal and Plastic	220	270	50	22.7%	10
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	50	50	0	0.0%	0
51-4194	Tool Grinders, Filers, and Sharpeners	190	190	0	0.0%	5
51-4199	Misc. Metal Workers and Plastic Workers	980	1,060	80	8.2%	30
<b>51-5000</b>	<b>Printing Workers</b>	<b>600</b>	<b>630</b>	<b>30</b>	<b>5.0%</b>	<b>20</b>
51-5011	Bindery Workers	40	40	0	0.0%	0

**Occupational Employment Projections, Year 2002 Projected to Year 2012  
Twin Districts Workforce Investment Area**

Standard Occupational Classification (SOC)		2002 Employment	2012 Projected Employment	Projected Employment Growth 2002 to 2012		Total Projected Avg. Annual Job Openings
Code	Occupation			Number	Percent	
51-5012	Bookbinders	190	200	10	5.3%	5
51-5021	Job Printers	20	20	0	0.0%	0
51-5022	Prepress Technicians and Workers	100	100	0	0.0%	0
51-5023	Printing Machine Operators	240	270	30	12.5%	10
<b>51-6000</b>	<b>Textile, Apparel, and Furnishings Workers</b>	<b>3,690</b>	<b>3,770</b>	<b>80</b>	<b>2.2%</b>	<b>85</b>
51-6011	Laundry and Dry-Cleaning Workers	760	870	110	14.5%	30
51-6021	Pressers, Textile, Garment, and Related Materials	600	630	30	5.0%	15
51-6031	Sewing Machine Operators	1,360	1,300	-60	-4.4%	15
51-6041	Shoe and Leather Workers and Repairers	30	30	0	0.0%	0
51-6051	Sewers, Hand	180	180	0	0.0%	5
51-6052	Tailors, Dressmakers, and Custom Sewers	100	100	0	0.0%	5
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	10	10	0	0.0%	0
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	70	60	-10	-14.3%	0
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	60	60	0	0.0%	0
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	60	60	0	0.0%	0
51-6091	Extruding & Forming Machine Setters/ Operators/Tenders, Synthetic & Glass Fibers	30	30	0	0.0%	0
51-6092	Fabric and Apparel Patternmakers	30	30	0	0.0%	0
51-6093	Upholsterers	310	310	0	0.0%	10
51-6099	Misc. Textile, Apparel, and Furnishings Workers	100	100	0	0.0%	5
<b>51-7000</b>	<b>Woodworkers</b>	<b>1,280</b>	<b>1,290</b>	<b>10</b>	<b>0.8%</b>	<b>40</b>
51-7011	Cabinetmakers and Bench Carpenters	130	140	10	7.7%	5
51-7021	Furniture Finishers	30	30	0	0.0%	0
51-7031	Model Makers, Wood	20	30	10	50.0%	0
51-7032	Patternmakers, Wood	10	10	0	0.0%	0
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	650	640	-10	-1.5%	20

**Occupational Employment Projections, Year 2002 Projected to Year 2012  
Twin Districts Workforce Investment Area**

Standard Occupational Classification (SOC)		2002 Employment	2012 Projected Employment	Projected Employment Growth 2002 to 2012		Total Projected Avg. Annual Job Openings
Code	Occupation			Number	Percent	
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	350	360	10	2.9%	10
51-7099	Misc. Woodworkers	90	90	0	0.0%	5
<b>51-8000</b>	<b>Plant and System Operators</b>	<b>1,920</b>	<b>2,100</b>	<b>180</b>	<b>9.4%</b>	<b>75</b>
51-8012	Power Distributors and Dispatchers	40	40	0	0.0%	0
51-8013	Power Plant Operators	50	60	10	20.0%	0
51-8021	Stationary Engineers and Boiler Operators	280	280	0	0.0%	5
51-8031	Water and Liquid Waste Treatment Plant and System Operators	330	490	160	48.5%	30
51-8091	Chemical Plant and System Operators	620	630	10	1.6%	20
51-8092	Gas Plant Operators	60	70	10	16.7%	5
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	480	460	-20	-4.2%	15
51-8099	Misc. Plant and System Operators	70	80	10	14.3%	5
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>8,480</b>	<b>9,500</b>	<b>1,020</b>	<b>12.0%</b>	<b>315</b>
51-9011	Chemical Equipment Operators and Tenders	70	80	10	14.3%	5
51-9012	Separating, Filtering, Clarifying, Precipitating, Still Machine Setters/Operators/Tenders	150	170	20	13.3%	5
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	140	150	10	7.1%	5
51-9022	Grinding and Polishing Workers, Hand	50	60	10	20.0%	0
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	670	670	0	0.0%	20
51-9031	Cutters and Trimmers, Hand	80	80	0	0.0%	5
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	290	320	30	10.3%	10
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	50	50	0	0.0%	0
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	180	180	0	0.0%	5
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	1,530	1,680	150	9.8%	50
51-9071	Jewelers and Precious Stone and Metal Workers	90	110	20	22.2%	5
51-9081	Dental Laboratory Technicians	80	80	0	0.0%	0
51-9082	Medical Appliance Technicians	20	20	0	0.0%	0

**Occupational Employment Projections, Year 2002 Projected to Year 2012  
Twin Districts Workforce Investment Area**

Standard Occupational Classification (SOC)		2002 Employment	2012 Projected Employment	Projected Employment Growth 2002 to 2012		Total Projected Avg. Annual Job Openings
Code	Occupation			Number	Percent	
51-9083	Ophthalmic Laboratory Technicians	70	80	10	14.3%	5
51-9111	Packaging and Filling Machine Operators and Tenders	360	420	60	16.7%	15
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	310	360	50	16.1%	15
51-9122	Painters, Transportation Equipment	740	930	190	25.7%	40
51-9123	Painting, Coating, and Decorating Workers	40	50	10	25.0%	0
51-9131	Photographic Process Workers	60	70	10	16.7%	0
51-9132	Photographic Processing Machine Operators	140	150	10	7.1%	5
51-9141	Semiconductor Processors	10	10	0	0.0%	0
51-9191	Cementing and Gluing Machine Operators and Tenders	230	250	20	8.7%	10
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	90	110	20	22.2%	5
51-9193	Cooling and Freezing Equipment Operators and Tenders	220	250	30	13.6%	10
51-9194	Etchers and Engravers	30	30	0	0.0%	0
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	70	70	0	0.0%	0
51-9196	Paper Goods Machine Setters, Operators, and Tenders	430	480	50	11.6%	15
51-9197	Tire Builders	10	10	0	0.0%	0
51-9198	Helpers--Production Workers	1,400	1,490	90	6.4%	50
51-9199	Misc. Production Workers	900	1,080	180	20.0%	40